

PRINTER RUSH

(PTO ASSISTANCE)

Application : 09/687,777 Examiner : Das GAU : 2122
From : CA Location : IDC FMF FDC Date : 9-23-05

Tracking #: 6065968 Week Date: 1-17-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input checked="" type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input checked="" type="checkbox"/> 312CNOT	<u>11/6/05</u>	
<input type="checkbox"/> SPEC		

[RUSH] MESSAGE: Amold cites drawings should be labeled
with "Prior Art" please provide such drawings
provisional date cited on page 1 of specification, lines 7-8,
set no prov. cited on oath or B.I. Is this provisioned valid?
Thank You CA

[XRUSH] RESPONSE:
(1) 948 sent
(2) corrected 948 sent
INITIALS: HP

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

Art Unit: 2122

1. This action is in response to the RCE and the Terminal Disclaimer filed on 11/1/2004.
2. Claims 1-42, 44-49, 51, 53, 55, 57-108 have been canceled.
3. Claims 43, 50, 52, 54, 56, 119, 122-123, and 126 have been amended.
4. In view of the Terminal Disclaimer filed on 11/1/2004, the double patenting rejection of claims made in the earlier office action is hereby withdrawn.
5. Claims 43, 50, 52, 54, 56, 109-121, 126-128 have been allowed.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Vani Moodley, Attorney for the Applicant on 12/23/04.

The application has been amended as follows:

In the specification:

- (i) On page 5, line 17, "Figure 7 is a" has been replaced by -- Figures 7A -- 7D are the --.
- (ii) On page 7, line 6, "Figures 1-7" has been replaced by -- Figures 1-7D --.

In the Drawings:

- (i) Figures 1-7D should be labeled as "PRIOR ART".



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER 09/687777	FILING/RECEIPT DATE 10/13/2000	FIRST NAMES APPLICANT PATEL, MUKESH	ATTORNEY DOCKET NUMBER 032481-021
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BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES CA 90025-1030

Examiner **DAS CHAMELI**

Art Unit **2192**
Number

Paper

Date Mailed: 3/28/2005

Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on **10/13/2000** are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b). Failure to take corrective action within the set period will result in abandonment of the application.**

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review
RETURN CORRECTED DRAWINGS TO:
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

John Fitzhugh
Office of Patent Publication,
Publishing Division
703-305-0333 ext-137

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 1/28/03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____
☐ Photographs may not be mounted. 37 CFR 1.84(e)
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) _____
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or
21.6 cm by 27.9 cm (8 1/2 x 11 inches)
☐ All drawing sheets not the same size. Sheet(s) _____
☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
☐ Margins not acceptable. Fig(s) _____
☐ Top (T) ☐ Left (L)
☐ Right (R) ☐ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____
☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) _____
☐ Figure legends are poor. Fig(s) _____
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

1-7D, Labeled as PRIOR ART.

Reviewer JFW

If you have questions, call (703) 305-8404.

Date 3/28/05

Attachment to Paper No. _____

"Express Mail" Mailing Label No. EL 544960889US

Date of Deposit: 13 Oct. 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, with sufficient postage affixed, and is addressed to BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.

SEINI MATANGI

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

PATENT

Atty Dkt. No. 032481-013

**JAVA HARDWARE ACCELERATOR USING
MICROCODE ENGINE**

Related Applications

The present application is a continuation-in-part of the application
entitled "Java Virtual Machine Hardware for RISC and CISC Processors,"
filed December 8, 1998, inventor Mukesh K. Patel, et al., U.S. Application
No. 09/208,741. The present application also claims priority to a provisional
application filed October 10, 2000 entitled "Java Hardware Accelerator Using
Microcode Engine".

Background of the Invention

Java™ is an object-orientated programming language developed by Sun Microsystems. The Java language is small, simple and portable across platforms and operating systems, both at the source and at the binary level. This makes the
Java programming language very popular on the Internet.

Java's platform independence and code compaction are the most significant advantages of Java over conventional programming languages. In conventional programming languages, the source code of a program is sent to a
compiler which translates the program into machine code or processor



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Bib Data Sheet

CONFIRMATION NO. 1065

SERIAL NUMBER 09/687,777	FILING OR 371(c) DATE 10/13/2000 RULE	CLASS 717	GROUP ART UNIT 2122	ATTORNEY DOCKET NO. 032481-021
APPLICANTS Mukesh Patel, Fremont, CA;				
** CONTINUING DATA ***** This application is a CIP of 09/208,741 12/08/1998 PAT 6,332,215 and claims benefit of 60/239,298 10/10/2000				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 11/22/2000				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged _____ Examiner's Signature Initials		STATE OR COUNTRY CA	SHEETS DRAWING 23	TOTAL CLAIMS 59 INDEPENDENT CLAIMS 20
ADDRESS 08791				
TITLE JAVA HARDWARE ACCELERATOR USING MICROCODE ENGINE				
FILING FEE RECEIVED 2908	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	